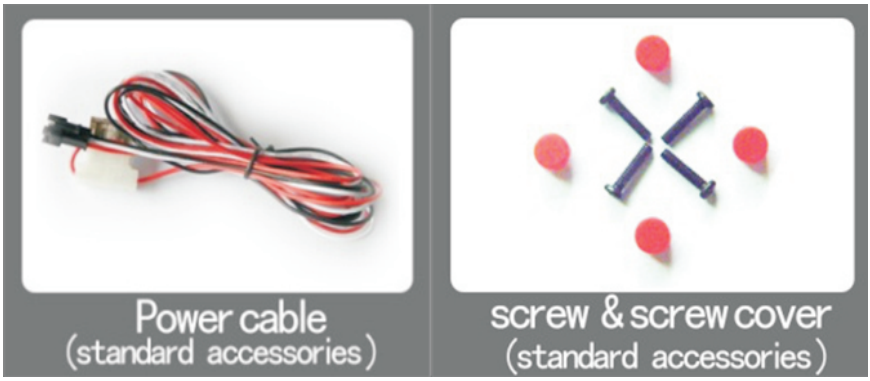
VEHICE GPSTRACKER

User Manual

(Version1.1)

Please read the manual carefully before use the GPS Tracker so that you can install the device correctly and activate it quickly on the internet. The outlook and true color are subject to the actual

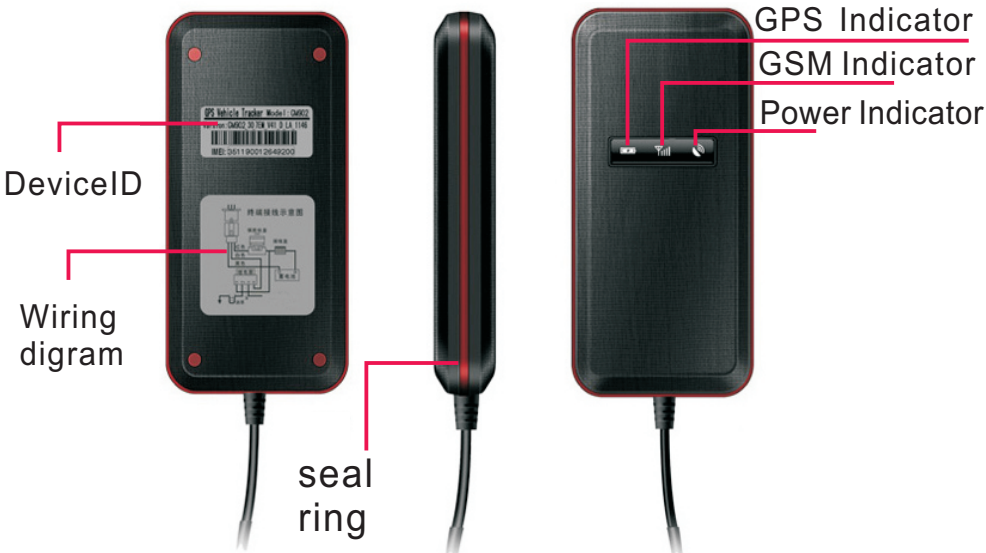
1. Accessories



2. Technical parameter

1). GSM: 850/900/1800/1900MHz Quad band
2).GPRS: Class12,TCP/IP
3).Working Voltage: 6-50V DC
4).Working current≈22mA(12vDC)/12mA(24vDC)
5).GPS locating time: cold start≈38s(Open sky)
warm start≈32s
hot start≈2s(Open sky)
6).GPS Precision: 10m(2D RM)
7).Working temperature: -20℃～+70℃
8).Working humidity: 20%～80%RH
9).Measurement: 87(L)×43(W)×14(H)mm
10). weight: 50. 5g

3.Out look



4.Device status indicators

4.1 Connect DC 9-24V power supply and the red LED will light continuously.

4.2 The green LED glistens when searching the GPS signals. When GPS works, the LED lights continuously.

4.3 The intermediate blue LED (GSM signal state) GSM signal is normal, blue LED light long bright. No GSM signal, the blue LED flashes.

Remark:all LEDS will turn off after 5 minutes. When there is a new call, the LEDs will relight and turn off 5 minutes later.

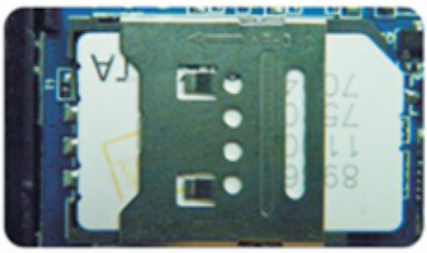
5.Installation

5.1 Preparation for the installation

5.1.1 Product Check. Open the packing box and check the device‘s model and accessories. If the model is wrong or the accessories not complete, please contact the dealer.

5.1.2 Choose SIM card. Please insert a SIM card to the device. Please take dealer’s advice as reference.

5.1.3 SIM card installation. Discharge the cover of the device and uncover the SIM card holder. Then insert the SIM card and cover SIM card holder (as follows).



5.1.4 Put back the front cover and screw it up.

5.1.5 Connect the device to the 9-24Vpower supply.(he red LED constant glow).

5.1.6 Install the device in the hidden place of the car.

Remark:The SIM card must be with GPRS function and enough deposit. If your SIM card need input PIN when power on, please cancel

5.2 Installation

The GPS tracker must be installed under professional personnel.

1) Please install the device in the hidden place as

following.
Under Front windshieldIn the front instrument panel
Under back windshiel

3) The device has GSM antenna and GPS antenna inside. Please ensure the receiving side of the device is face up and without metal cover.

Remark:The metal cover will lessen the receiving of GPS signalsThe device connecting requirements.

6. Device wiring requirements

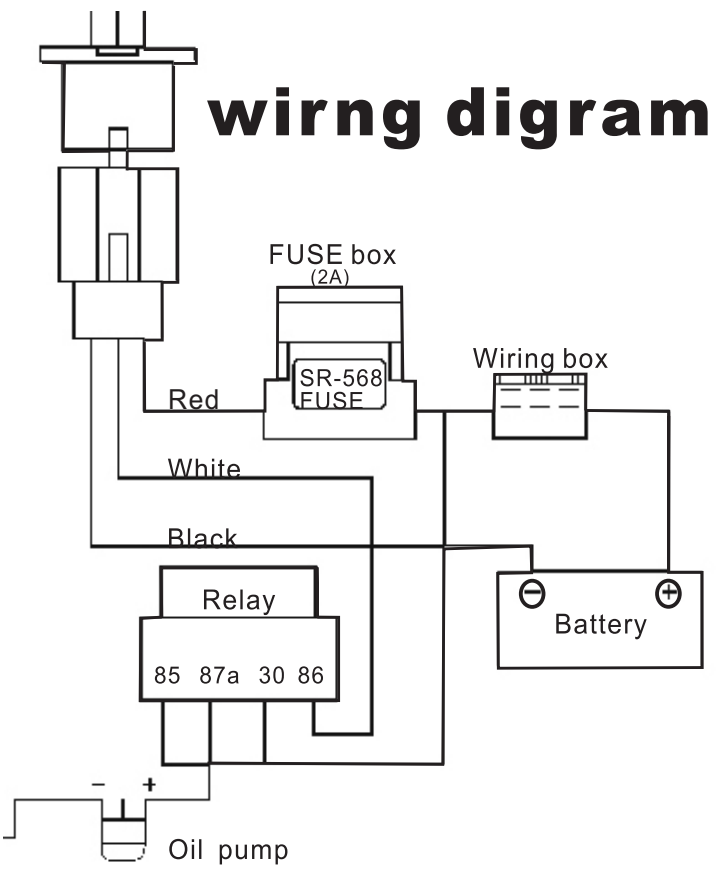
6.1 The device power supply is DC-50V. The red line is positive pole while the black line is negative pole.

6.2 The negative pole of power supply connectswith ground or the metals. Please do not connect with other ground lines.

6.3 When finishing the power supply wire connection,please make the plug of power supply to the device.

6.4 if need to add relay control oil circuit, please install the white line according to the diagram delow.

6.5 if need ACC detection,please connect the green line to car's ACC, if need SOS detection, please connect the green line to ACC button(ACC or SOS alternative,the default is ACC).



7.The Device Working

7.1 Power on

the device will be power on when connecting to the current. Then the three LED indicators will light continuously. The device will upload the data to the online platform (the default interval of uploading data is 10seconds). When the car is in static state for a long time, the device will be in energy saving mode and it will be more smart and precise.

7.2Power off

Pull off the power plug then power off the device.

8. Operation Instruction

8. 1Administrator(can set two admin users)

8.1.1 Adding Admin Users: Firstly Send "710#cell phone number#", Secondly Send "711#cell phone number#", it will reply "Add admin account 1or2 ok!" .

8.1.2 Deleting Admin Users:Firstly Send "D01#", Secondly Send "D02#", it will reply "dele admin account ok!" .

8.1.3 Viewing Admin Users:Send SMS "901#", it will reply "admin1:admin2:".

8.2 Authorization(can set there authorized)

8.2.1 Adding Authorized Numbers:Firstly Send "101#cell phone number#", Secondly Send "102#cell phone number#", Thirdly Send "103#cell phone number#", it will reply "add authorization account 1or2or3 ok!".

8.2.2 Deleting Authorized Numbers:Firstly Send "D11#", Secondly Send "D12#", Thirdly Send "D13#" it will reply "dele auth account ok!" .

8.2.3 Viewing Authorized Numbers:Send "C10#", it will reply "Authorization1:Authorization2: Authorization3:"

8.3 Functions

8.3.1 Cut-off oil and circuit:Send "222#", it will reply "fule cut oil ok!"(speed below 20km/h or in static state)

8.3.2 Supply oil and circuit :Send "333#", it will reply "resume fule,ok!"

Remark: Only the Admin number or the Authorized number can control.

8.3.3 Shock Alert:Send "123 level#mode#"(Level is 1-5, the lower level, the higher sensitivity; Mode: 1. SMS, 2. Phone, 3. SMS and Phone),it will reply"set vibration alarm level,ok!", if need to set up the shock alert time,Send"V123#minutes#", (Time is 1-10 minutes, the default is 5 minutes), it will reply "set vib time,ok!"

8.3.4 Cancel shock alert:Send "456#", it will reply "close vibration alarm, ok!".

8.3.5 Overspeed Alert:Send "SSA#speed#mode#", (Speed is 30-220; Mode: 1. SMS, 2. Phone, 3. SMS and Phone;),it will reply"set speeding alart ,ok!" if need to set up the alert interval, Send "STIME#minutes#", (Time is 1-60 minutes, the default is 5 minutes)it will reply "set speeding alart time ok!".

8.3.6 Cancel overspeed alert:Send "CSA#", it will reply "close speeding alart ok!".

8.4 Platform

8.4.1 Set up IP and Port: Send "803#IP address#port#", it will reply "set IP ok!IP:...#...#".

8.4.2 Device number: the default is IMEI number 11 in the back.

8.4.3 Set the upload movement interval when ACC on, Send "730#seconds#", it will reply "set movement upload time, ok!". (Seconds: 10-60s, the default is 15s.)

8.4.4 Set the upload static interval when ACC off, Send "SUP#minutes#", it will reply "set static upload time ok!". (Minutes: 1-60 minutes, the default is 5 minutes.)

8.4.5 Cancel connecting upload data: Send "NUP#", it will reply "close upload gps information ok!".

8.5 Positioning by SMS:Latitude and longitude location: Send "666#", it will reply the link of latitude and longitude, speed, time, IMEI etc.If gps no fix it will reply"gps not fixed or pause upload!"

8.6 System Settings

8.6.1 Set APN: Send "802#network name#account name #password#", it will reply "set apn ok!"(if APN needn't

account name and password, needn't send "account name#password#").

8.6.2 Set Time Zone: Send "801#time zone#", then the unit will reply "set time zone ok!", (E8 means Eastern eight zones, W8 means Western eight zones).

8.6.3 Set language: Send SMS "LANGnumber#", it will reply "set lang ok!". (Number is 1 or 0, 1 means Chinese, 0 means English, the default is Chinese.)

8.6.4 Restart the device: Send SMS "930#", it will reply "Reset system,ok!".

8.6.5 Factory:Send "940#", it will reply "reset device, ok!".

8.7 Viewing the current information

8.7.1 View the sever's IP and port: Send "CIP#", it will reply the current IP and port.

8.7.2 View the version information:Send "V00#", it will reply Version information, generated time, IMEI etc.

8.7.3 View the status information: Send "902#", it will reply the current status informaton of device.

8.7.4 View the Parameter: Send "886#", it will reply IMEI, APN, IP Port, language, time zone etc.

9. Location Enquiry On Website

Please contact with the dealer who will open login account, password for you, and provide "user manual of online platform service", if you need location enquiry service.

10.Trouble shooting

10.1 The device is not online or offline on the web platform

10.1.1 First, please check the three LED working state. Ifpossible. You can call the device's number to check.

● If not connected, the device is out of signal. If the GSM signals cannot reach your location, pleasedrive to the open sky.

● If reminding the device SIM card is out of deposit, please make deposit by the telecom

● If you can connect to the device when calling, the SIM card has deposited and please check with your operator for GPRS function. You also can check by searching the internet on your mobile phone.

● If reminding the device is power off, please turn back the device and proceed as followings:

a)Check if the red LED is in constant glow. If the LED is dark, please check the power connecting. If fuse is broken, please return the device to the seller.

b)If the blue GSM LED is not in constant glow, please check the installation of SIM card.

10.1.2 Please check the offline area in order to judge if the network problem of operators.

10.1.2 When GPS cannot receive the signals, please drive in the open sky and ensure there is no metal thins on the device.

10.3 When the device cannot receive the GSM signal, please check the SIM card installation. If the GSM signals cannot reach your location (such as the basement), please drive to the open sky.

10.4 The red LED is not glow when power on.

11. command

CHAP	FUNCTION	SMS EXAMPLE
8.1.1	add administrator1	710#13800138000#
	add administrator2	711#13800138001#
8.1.2	delete administrator1	D01#
	delete administrator2	D12#
8.1.3	view administrator	901#
8.2.1	add authorized1	101#13800138000#
	add authorized2	102#13800138001#
	add authorized3	103#13800138002#
8.2.2	delete authorized1	D11#
	delete authorized2	D12#
	delete authorized3	D13#
8.2.3	view authorized3	C10#
8.3.1	cut off oil and power	222#
8.3.2	supply oil and power	333#
8.3.3	set vibration alarm	123#2#3#
	set vibration alarm time	V123#2#
8.3.4	cancel vibration alarm	456#
8.3.5	overspeed alarm	SSA#120#3#
	overspeed alarm time	STIME#5#
8.3.6	cancel overspeed alarm	CSA#
8.4.1	set IP and port	803#121.37.40.44#8881#
8.4.2	set number to pltform	IMEI number 11 in the back
8.4.3	set sport intervals	730#20#
8.4.4	set static intervals	SUP#5#
8.4.5	cancle intervals	NUP#
8.5.1	sms tracker	666#
8.6.1	set APN user password	802#CMNET#
8.6.2	set zone	801#E8#
8.6.3	set langue	LANG1#
8.6.4	restart	930#
8.6.5	factory	940#
8.7.1	view IP and port	CIP#
8.7.2	view version	V00#
8.7.3	view status	902#
8.7.4	view param	886#